

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Lixiao Wang
Application No.: 09/740,101
Filed: December 18, 2000
For: CATHETER FOR CONTROLLED STENT DELIVERY
Examiner: Alissa L. Hoey
Group Art Unit: 3765

Box Non-Fee Amendment
Assistant Commissioner for Patents
Washington, D.C. 20231

Docket No: S63.2-9285

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GROUP 3700

AMENDMENT

This Amendment is in response to the Office Action mailed August 28, 2002.

In The Claims:

Please replace claim 1 with the following amended claim:

- a1
1. (Amended) A stent delivery system comprising:
a catheter, the catheter having a catheter shaft;
a medical balloon mounted on the catheter shaft, the medical balloon having a non-inflated state and being inflatable to an inflated state, the medical balloon having a stent mounting region, and a stent disposed about at least a portion of the stent mounting region, the stent mounting region having a middle portion, a first end portion adjacent to the middle portion and a second end portion adjacent to the middle portion, the middle portion having a middle portion diameter, the first end portion having a first end portion diameter, the second end portion having a second end portion diameter, in the non-inflated state the middle portion diameter being greater than the first end portion diameter and the second end portion diameter, in the inflated state the balloon providing the middle portion diameter with a diameter substantially the same as that of the first end portion diameter and the second end portion diameter.